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REQUEST FOR QUALIFICATION STATEMENTS TO CONDUCT SOIL AND GROUNDWATER HYDROGEOLOGIC INVESTIGATIONS AND IMPLEMENT REMEDIAL ACTIONS AT PETROLEUM CONTAMINATED SITES IN MAINE

Sealed proposals addressed to the Bureau of Purchases, Burton Cross State Office Building, 4th Floor, 111 Sewall Street, Station # 9, Augusta, ME 04330 and titled “Qualification Statement: Soil and Groundwater Hydrogeologic Investigations and Remedial Actions at Petroleum Contaminated Sites in Maine” must be received by **APRIL 29, 2004 at 2:00 PM.**

Description:

The MDEP intends to establish Pre-Qualified Lists of Environmental Consultants that may be hired to conduct any or all of the following **four (4) Investigation and Remediation Categories**: 1 – Conduct hydrogeologic investigations, and environmental sample gathering, 2 -Conduct soil remediations and/or soil excavations, 3 - Evaluate, design, implement, and maintain pump and treat technology, and vapor phase recovery remediation systems, and 4 – Locate, install, and sample private water well replacements. This work will be conducted at sites having suffered petroleum contamination from leaking underground storage tanks (LUST), leaking aboveground storage tanks (LAST), and other petroleum hydrocarbon discharges which require long-term response actions. This work will be accomplished under the direction of MDEP’s Technical Services, and Remediation Project Management staff.

All responding firms shall state in their submittal that they will accept all conditions of the MDEP’s Contract for Remedial Services. All responding firms will include in their submittal a completed copy of the top portion of the **Pre-Qualified Category Checklist Form**. Consultants shall circle each Region of the State (i.e. Portland, Augusta, and/or Bangor) where the firm is seeking pre-qualification. A copy of the Evaluation Criteria Form is attached to the Qualification Statement.

Qualification statements that do not address all tasks and conditions specific to the chosen category(s) will not be considered. The Maine Department of Environmental Protection (MDEP) reserves the right to reject any and all qualification statements. Remedial action estimated costs will range from \$10,000 to \$100,000, and should not be confused with the level of work performed at a SUPEFUND or uncontrolled hazardous substance site. The installations of public water supplies are administered by a separate, full bid contracting process.

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Qualification Statement Requirements:

Environmental consultants shall provide documentation of the project team's experience as it relates to performing categories 1 through 4 as stated above, and must identify the specific categories in which they are seeking pre-qualification. Each of the four (4) categories will be independently evaluated and qualified by the MDEP review team for the following criteria. All consultants must address category 5.

1. Hydrogeologic Investigations

Determine the source(s) and extent of contamination in soil, bedrock, and/or groundwater. Examples of such actions may include:

- (a) Determine the potential receptors via neighborhood sampling surveys.
- (b) Evaluate the interconnectivity of neighborhood water supply wells via evaluation of datalogger obtained data.
- (c) Evaluate and interpret groundwater flow directions in soil and bedrock using existing homeowner wells and additional monitoring wells if necessary.
- (d) Develop a conceptual model of distribution of petroleum contamination in the soil and bedrock.
- (e) Evaluate the interconnectivity of bedrock wells including evaluation of data logger information and evaluation of results from down-hole geophysical methods.
- (f) Attend public information meetings to explain hydrogeologic investigation results to local residents and officials.

Other Evaluation Criteria

- (g) Provide up to three (3) projects demonstrating elements of a – f above. Each project must be related to petroleum contamination and include a description of the use of applicable MDEP requirements (e.g. Chapter 691, Decision Tree, Action levels, indoor air quality, etc.) Projects not documenting the use of MDEP requirements or projects involving non-petroleum contamination will not be considered.
- (h) The project team must include a Maine Certified Geologist (or one conditionally accepted by the Maine board of Certification for Geologist and Soil Scientists) on staff. Qualification statements must identify any and all personnel performing these work tasks in the field.

2. Petroleum Contaminated Soil Removal.

Perform petroleum contaminated soil excavations and oversight of removals at remediation sites. Examples of such actions may include:

- (a) Experience in removal of petroleum contaminated soils. Describe soil removal procedures, project management considerations, and operation oversight. Provide up to three (3) project examples. Include a reference from a property owner or other client, which may include a MDEP project manager.

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- (b) Assist the MDEP in the preparation of contract bids.
- (c) Select and pay remedial subcontractors and other suppliers/vendors used to accomplish additional tasks that the MDEP deems necessary. MDEP reserves the right to hire subcontractors and/or pay them directly.
- (d) Disposal of petroleum contaminated soil, including asphalt batching, beneficial reuse, and/or landspreading.
- (e) Restore landscaping to MDEP and property owner satisfaction.
- (f) Acquire any and all required local, state or federal permitting and communication with appropriate local officials such as town managers, or code enforcement officers.
- (g) Attend public information meetings to explain hydrogeologic investigation and remedial actions to local residents and officials.

Other Evaluation Criteria

- (h) Provide up to three (3) soil removal project examples. Each project must be related to petroleum contamination and include a description of the use of applicable MDEP requirements (e.g. Chapter 691, Decision Tree, Action levels, indoor air quality, etc.) Projects not documenting the use of MDEP requirements or that are not petroleum contamination will not be considered.
- (i) The project team must include a Maine Registered Professional Engineer (P. E.) or one conditionally accepted by the Maine Association of Civil Engineers on staff or a Maine Certified Geologist (or one conditionally accepted by the Maine board of Certification for Geologist and Soil Scientists) on staff. Qualification statements must identify any and all personnel performing these work tasks in the field.

3. Remedial systems, water treatment systems, and water supply extension lines.

Evaluate the feasibility and effectiveness, construct and monitor the operation of various remedial systems. Examples should document the project team's effectiveness in completing remediation projects to site closure conditions. Remedial actions may include:

- (a) Design, construction oversight, and operation of free product recovery and/or dissolved-phased groundwater remediation systems for surficial and bedrock.
- (b) Design, construction oversight, and operation other engineered remedial actions including but not limited to oil gas venting, vapor venting, above ground soil venting and bio-remediation.
- (c) Design and construction oversight of water supply extension lines, where the water supply source is already established.
- (d) Design and installation oversight of water treatment equipment for contaminated water supplies.
- (e) Assist the MDEP in the preparation of construction contract bids for the installation of remedial systems and equipment.
- (f) Select and pay remedial subcontractors and other suppliers/vendors used to accomplish additional tasks that the DEP deems necessary. DEP reserves the right to select and pay subcontractors as it deems appropriate.

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- (g) Restore landscaping to MDEP and property owner satisfaction.
- (h) Obtain any and all required local, state or federal permitting and communication with appropriate local officials such as town managers, or code enforcement officers.
- (i) Attend public information meetings to explain hydrogeologic investigation results and the design and implementation of remedial actions to local residents and officials.

Other Evaluation Criteria

- (j) Provide up to three (3) remedial project examples. Each project must be related to petroleum contamination and include a description of the use of applicable MDEP requirements (e.g. Chapter 691, Decision Tree, Action levels, indoor air quality, etc.) Projects not documenting the use of MDEP requirements or that are not petroleum contamination will not be considered.
- (k) The project team must include a Maine Registered Professional Engineer (P. E.) or one conditionally accepted by the Maine Association of Civil Engineers on staff.

4. Water Supply Well Replacements.

Locate replacement water supplies for petroleum contaminated water supplies.
Examples of such actions may include:

- (a) Effectively site and replace contaminated water supplies for single or multiple, private water supply owners, or non-community public water systems.
- (b) Provide well drilling and water supply hookup oversight.
- (c) Assist the MDEP in the preparation of contract bids.
- (d) Select and pay remedial subcontractors and other suppliers/vendors used to accomplish additional tasks that the MDEP deems necessary. DEP reserves the right to hire subcontractors and/or pay them directly.
- (e) Restore landscaping to the satisfaction of MDEP and the property owner.
- (f) Obtain any and all required local, state or federal permitting and communication with appropriate local officials such as town managers, or code enforcement officers.
- (g) Attend public information meetings to explain hydrogeologic investigation results and the design and implementation of well replacement actions to local residents and officials.

Other Evaluation Criteria

- (h) Provide up to three (3) examples of water well replacement projects, which may include a reference from a property owner, client or MDEP staff. Each project must be related to petroleum contamination and include a description of the use of applicable MDEP requirements (e.g. Chapter 691, Decision Tree, Action levels, indoor air quality, etc.) Projects not documenting the use of MDEP requirements or that are not petroleum contamination will not be considered.

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- (i) The project team must include a Maine Certified Geologist (or one conditionally accepted by the Maine board of Certification for Geologist and Soil Scientists) on staff. Qualifications statements must identify any and all personnel performing these worktasks in the field.

5. Sampling of drinking water, groundwater and soil

All consultants must demonstrate experience and knowledge of sampling techniques and appropriate field and laboratory analysis as follows:

- (a) Sampling of homeowner wells and monitoring wells in accordance with the Oil Remediation Program's policies and procedures.
- (b) Sampling of petroleum contaminated soils, both field and laboratory techniques, in accordance with the Oil Remediation Program's policies and procedures.
- (c) Evaluation of water and soil sampling will include an evaluation of a company's experience and knowledge of various sampling methods and techniques (including low-flow sampling) and a knowledge of appropriate laboratory testing methods.

Special Conditions:

1. Where stipulated, consultants must have on its staff a Maine Registered Professional Engineer (P. E.) (or one conditionally accepted by the Maine Association of Civil Engineers. A stamp, certificate, or letter from the licensing authority shall constitute proof.
2. Where stipulated consultants must have on its staff a Maine Certified Geologist (or one conditionally accepted by the Maine board of Certification for Geologist and Soil Scientists) on staff. A stamp, certificate, or letter from the Board shall constitute proof.
3. Three (3) copies of the Qualification Statement shall be submitted.
4. Consultants must demonstrate experience of the project team as it relates to each Category that the firms seek pre-qualification. Additionally, each submittal must include a completed Remediation Category Checklist Form which stipulates those services, and regions of the state which the firm is seeking pre-qualification
5. Consultants shall affirm in their submittal that they are willing to execute a State of Maine Contract for Remedial Services (copy attached) when it is offered as part of a project specific agreement. Qualification statements lacking this affirmation will be rejected.
6. All qualification statements in response to this Request for Qualifications will become the property of the MDEP.

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Evaluation of Qualification Statements:

All Qualification Statements will be evaluated by a committee of three (3) MDEP Remediation and Waste Management Program staff in accordance with the conditions stated in the Qualification Statement Requirements section. Submissions should be no longer than five (5) pages in length for each selected category that the firm is seeking pre-qualification. Evaluations will be based solely on information presented in the qualification statement relative to the specific remediation category. Categories 1 through 4 will be rated independently of one another. Category 5 will be rated for all submissions. No credit will be given for experience which is not clearly described and documented.

The RFQ administrator must be notified in writing of any changes in project team personnel including certified geologist, licensed engineer, project manager, and other project team staff performing the work tasks. The pre-qualified lists shall have a duration of three (3) years. The RFQ review committee will accept updates of qualifications in one (1) year from the original due date of this RFQ. Updates will also be accepted by the review committee in the second anniversary date of the RFQ. The Evaluation committee will evaluate the notification, and determine, based solely upon new information provided whether the firm will remain pre-qualified.

List Utilization and Contract Awards:

Following evaluation, consultants having met the qualification standards will be placed on the Remediation Category Lists as appropriate. Upon the MDEP's determination that a project requires consulting services, the MDEP may select a consultant from the appropriate list to accomplish the specific services. At such time when the MDEP determines that additional site work is necessary, the list shall be used to award that work. The right is hereby reserved by the MDEP to reject any and all qualification statements or bids.

Please direct any questions to the RFQ Administrator, Tom J. Benn, Remedial Project Manager at the Maine Department of Environmental Protection, 17 State House Station, Augusta Maine 04330-0017, call (207) 287-7662 or e-mail: tom.benn@maine.gov.

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